

FIG. 1

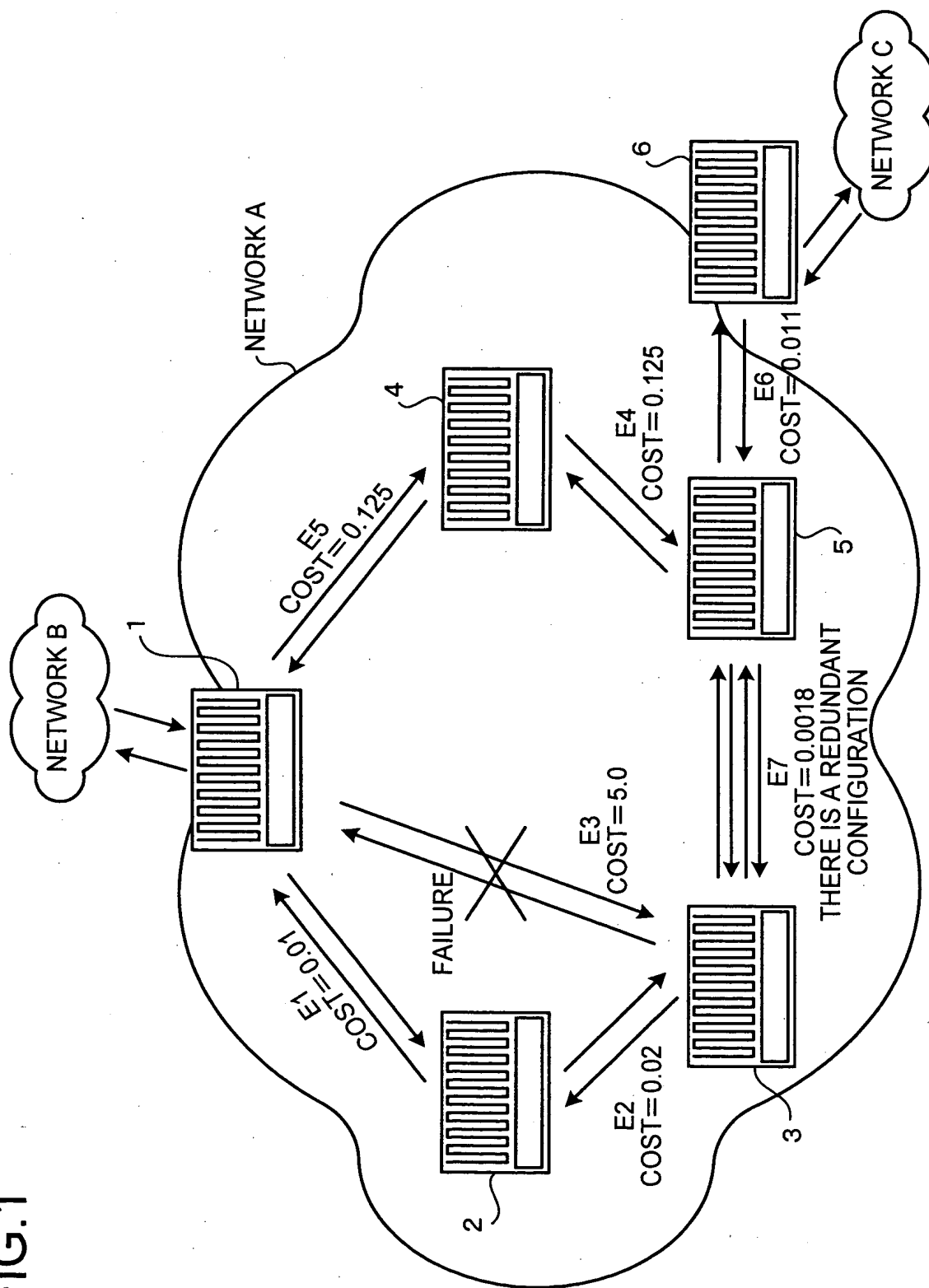


FIG.2

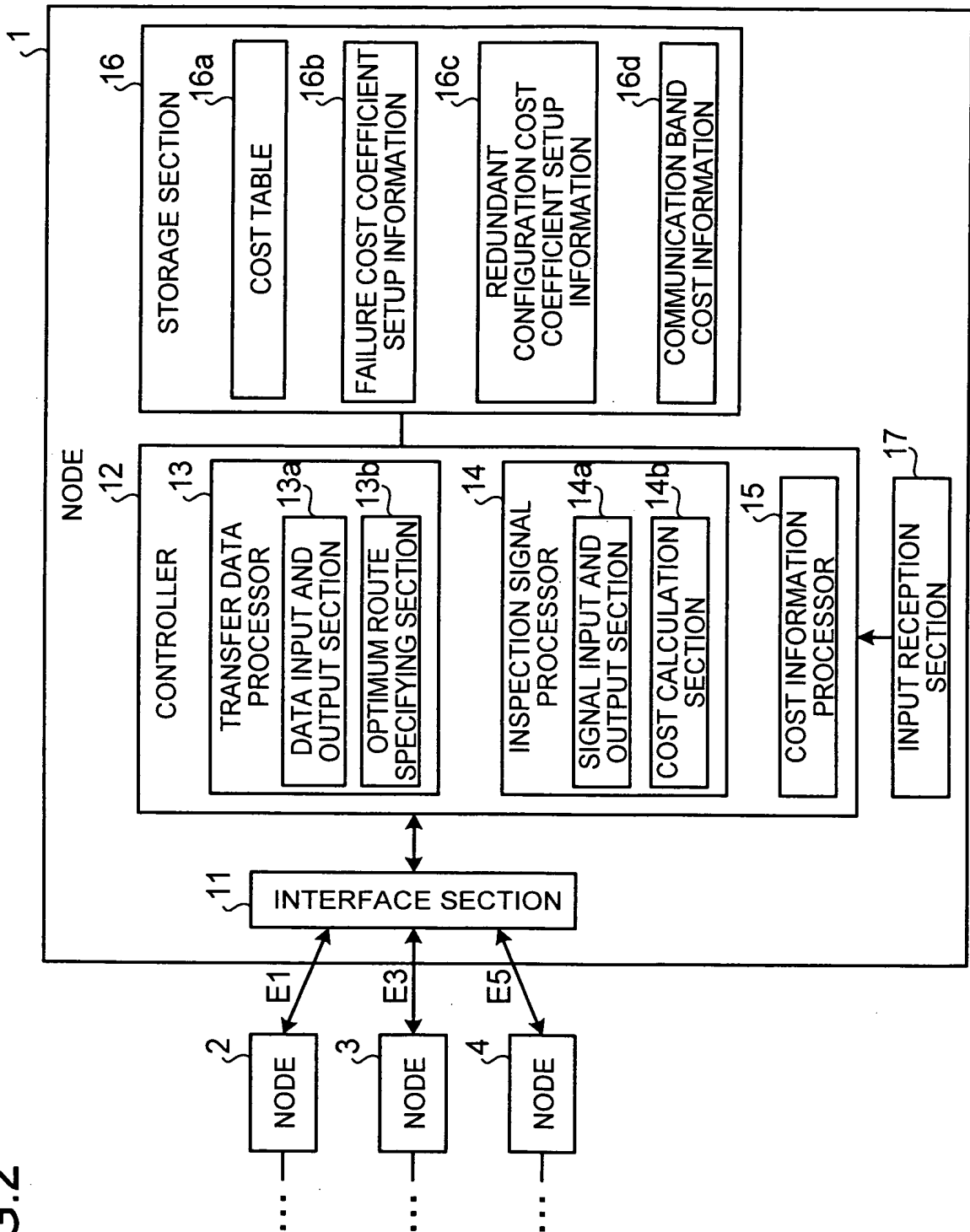


FIG.3A

COMMUNI- CATION LINE	BAND (bps)	USAGE (bps)	UNUSED (bps)	COST	NOTE
E1	100M	0	100M	0.01	NO FAILURE
E2	100M	0	100M	0.01	NO FAILURE
E3	10M	0	10M	0.1	NO FAILURE
E4	10M	0	10M	0.1	NO FAILURE
E5	10M	0	10M	0.1	NO FAILURE
E6	100M	0	100M	0.01	NO FAILURE
E7	600M	0	600M	0.00017	REDUNDANT CONFIGURATION (1+1-APS) NO FAILURE

FIG.3B

COMMUNI- CATION LINE	BAND (bps)	USAGE (bps)	UNUSED (bps)	COST	NOTE
E1	100M	0	100M	0.01	NO FAILURE
E2	100M	50M	50M	0.02	NO FAILURE
E3	10M	5M	5M	0.2	NO FAILURE
E4	10M	2M	8M	0.125	NO FAILURE
E5	10M	2M	8M	0.125	NO FAILURE
E6	100M	10M	90M	0.011	NO FAILURE
E7	600M	50M	550M	0.0018	REDUNDANT CONFIGURATION (1+1-APS) NO FAILURE

FIG.3C

COMMUNI- CATION LINE	BAND (bps)	USAGE (bps)	UNUSED (bps)	COST	NOTE
E1	100M	0	100M	0.01	NO FAILURE
E2	100M	50M	50M	0.02	NO FAILURE
E3	10M	5M	5M	5.0	FAILURE (LSC)
E4	10M	2M	8M	0.125	NO FAILURE
E5	10M	2M	8M	0.125	NO FAILURE
E6	100M	10M	90M	0.011	NO FAILURE
E7	600M	50M	550M	0.009	REDUNDANT CONFIGURATION (1+1-APS) FAILURE (LOS)

FIG.4A

FAILURE DETAILS	NAME OF ALARM	FAILURE COST COEFFICIENT
LOSS OF SIGNAL	LOS(Loss Of Signal) LOC(Loss Of Carrier)	50
LOSS OF SYNCHRONISM	LSC(Loss Of Synchronize)	25
LINE DISTURBANCE	Pause Frame TRANSMISSION PAIS TRANSMISSION	10

FIG.4B

REDUNDANT CONFIGURATION	REDUNDANT COST COEFFICIENT
BLSR(Bidirectional Line Switched Rings)	50
UPSR(Unidirectional Protection Switched Ring)	30
1+1-APS(Automatic Protection Switching)	10

FIG.5

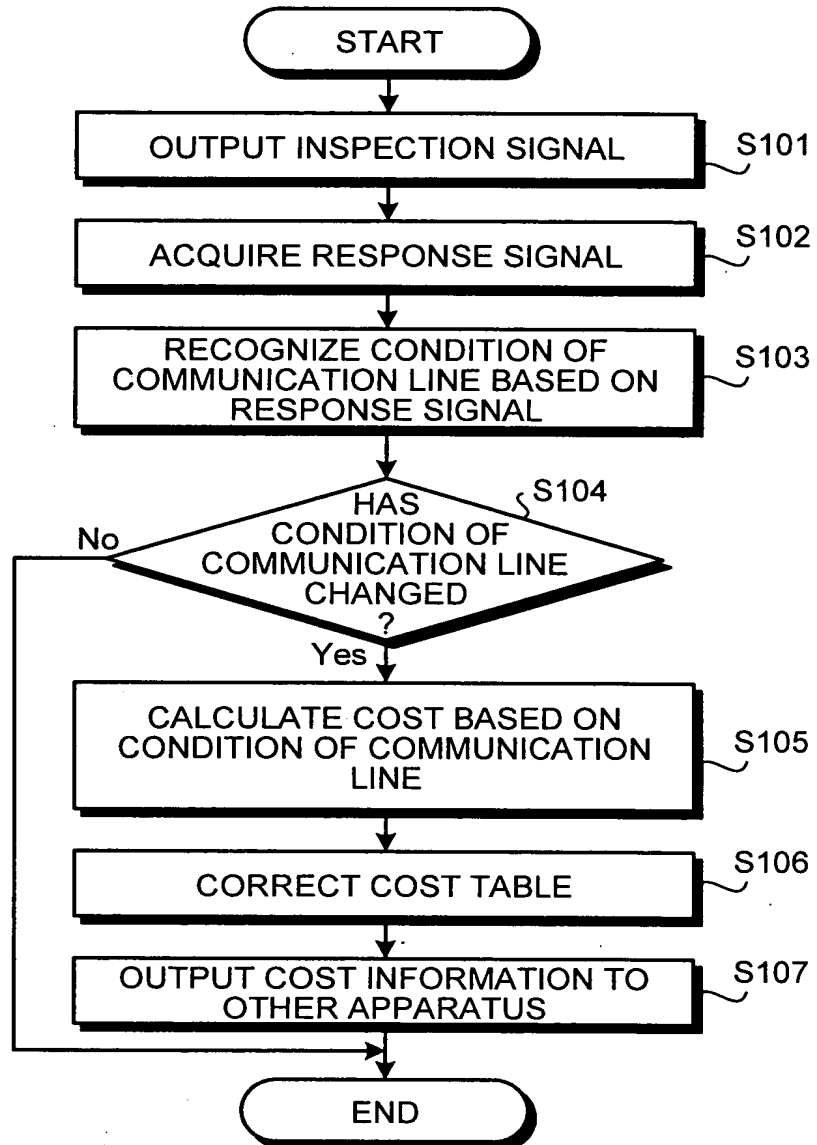


FIG.6

